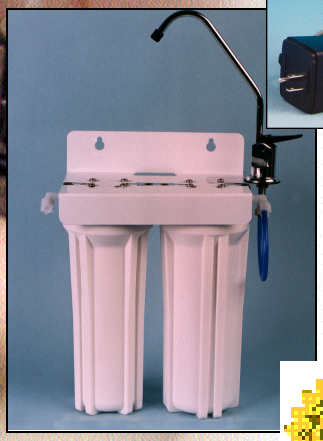
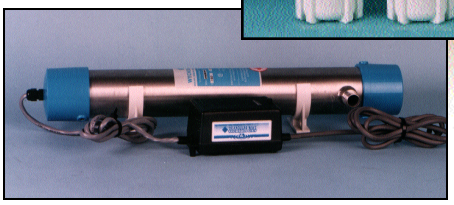
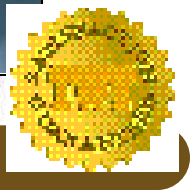
ELIMINATE BIOFILM & BACTERIA IN YOUR WATER SYSTEM

The TWT Patented Light Commercial Disinfection System for Cleaner & Healthier Water

Microprocessor not in scale, unit smaller than pictured







CHEMICAL FREE / FIELD TESTED & PROVEN EFFECTIVE

FOR THE MEDICAL / PHARMACEUTICAL & FOOD PROCESSING INDUSTRIES

Eliminate the Biofilm that serves as a breeding ground for disease-causing bacteria, collecting in your pipes, tubing and equipment. Biofilm is removed and prevented from reoccurring, thus the subsequent bio-growth is eliminated.

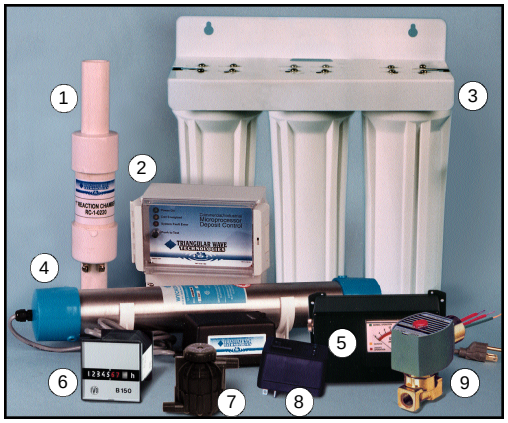
Waterlines in the medical, pharmaceutical, food and laboratory processing sectors, where the cleanest water is essential, commonly allow a contaminated interior environment conducive to the growth of bacteria, protozoa, and fungi, which initially arrive in small numbers through the public waterline plumbing systems. Over time, these microorganisms bind to the sides of your water pipes and tubing, forming biofilm. As water flows through the pipes and tubes, the biofilm sheds microorganisms and bacterial endotoxins into the water, leading to these harmful conditions. The patented TWT Disinfection System is used in those situations where the cleanest water is imperative, to kill up to 99.9% of bacteria and viruses in your water system. Our unique Triangular Wave technology combines the power of three important processes - filtration, deposit control, and UV disinfection - to nearly eliminate the existing biofilm, and prevent new growth. Protect your equipment, patients, processes and products with great convenience and ease with the TWT Light Commercial Disinfection System.

Triangular Wave Technologies Medical, Dental, Laboratory All-In-One Deposit Control & Purification System

This unique fluid management system is a compact, self-contained,wall-mounted unit for the safe, chemical-free treatment of water in the home, office, farm & small factory environments.

Factory Assembled & Mounted Fluid Management Systems

Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. State-of-the-art TWT Filtration, Microprocessor Deposit Control, Reaction Chamber, and UV Disinfection components combine to provide a start-to finish answer to simplified prevention, treatment and management of water line contamination dangers. TWT solutions are scalable to fit the volume you need - ask us to specify the system that works best for you!



Components*

1. TWT Reaction Chamber
2. TWT Deposit Controller
3. TWT Filters
4. Ultraviolet

Optional Upgradess.
UV Monitor

6. TWT UV Hour Meter
7. TWT-MV-Filter Meter
8. TWT UV Alarm
9. TWT Solenoid Shut-off Valve

See schematic diagrams on right for specific models

*System components may change for specific models

Specifications

Model TWT-5C8-Series Deposit Controllers
Residential/Commercial Deposit Control System with Reaction Chamber

TWT-RC-1-0221 Reaction Chamber
Factory wrapped 1 inch PVC pipe Solenoid Reaction Chamber for use with Microprocessor Deposit Control System.

TWT-MUC-102
Double Unit Water Filter System • Filtering capacity: 7,500 gal.

TWT-MUC-103
Triple Unit Water Filter System • Filtering capacity: 7,500 gal.

TWT-UV-4
Rated Flow: 3.75 Liters per minute/1 Gallon per minute • U.V. Dose @ Rated Flow: 29,500 mw/sec/cm2 Maximum Flow: 5.8 Liters per minute • U.V. Dose @ Maximum Flow: 18,500 mw/sec/cm2 • Power Consumption: 12 Watt • Maximum Operating Temperature: 37C Maximum Operating Pressure: 100 psi - 7 Bar • Plumbing: 1/4" N.P.T. In-Out • Body: 316 Stainless Steel

TWT-UV-700
Rated Flow: 30 Liters per minute /8 Gallons per minute / U.V. Dose @ Maximum Flow: / 21,400 mw/sec/cm2 Electrical Supply:120V/60Hz/.3 Amp/240V/50Hz/.2 Amp / Power Consumption: 36 Watt / Maximum Operating Temperature: 37C (98.6F) /Maximum Operating Pressure: 125 psi - 8 Bar / Plumbing: 3/4" N.P.T. In-Out / Size: 38" x 6" x 3" (97 cm x 15cm x 7.5cm) Weight: 8 lbs (3.5 kg) / Body: 316 Stainless Steel

TWT-UV-250
Rated Flow: 16 Liters per minute / 4 Gallons per minute • U.V. Dose @ Rated Flow: 31,500 mw/sec/cm2 Maximum Flow: 22 liters per minute / 5 Gallons per minute • U.V. Dose @ Maximum Flow: 22,500 mw/sec/cm2 • Power Consumption: 72 Watt • Maximum Operating Temperature: 37C (98.6F) • Maximum Operating Pressure: 100psi - 7 Bar • Plumbing: N.P.T. • Body: 316 Stainless Steel

*Optional Upgrades upon request for units TWT-MD-1001 / 1002 / 1003****

TWT-MV Meter Valve – factory only upgrade*
Provides an automatic signal and shut off when it is time to reset and/or change the filters.

TWT-UV-Monitor lamp Output / TWT-UV-AA Alarm / TWT-UV-Hour Meter*
Monitoring system "heads up" warning that the UV lamp is due for replacement.

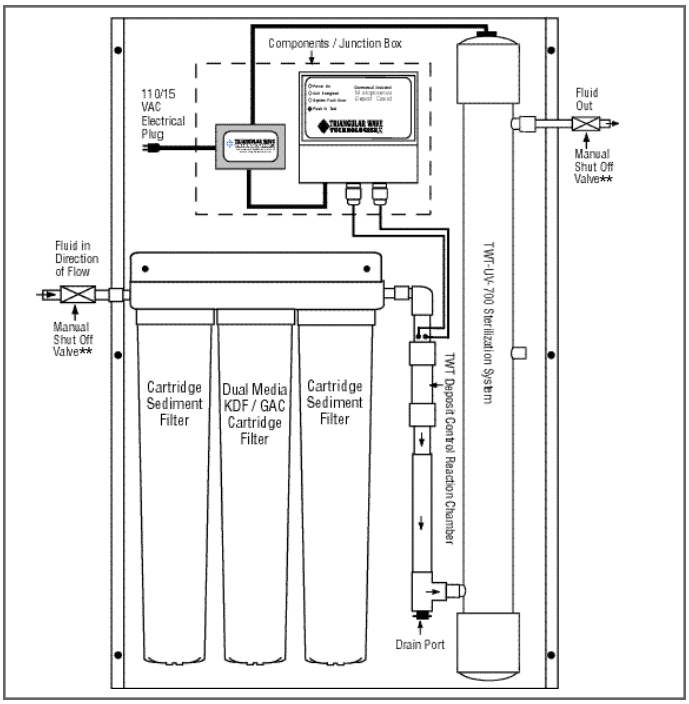
TWT-SV Solenoid Shut-Off Valve*
The Solenoid Shut-Off Valve is a backflow cutoff for use as a safety measure in the event of a system shutdown. Its use is strongly recommended for the medical and dental environments, and anywhere else that the highest degree of disinfection protection is required.

*** Factory only upgrade - specify at time of purchase only

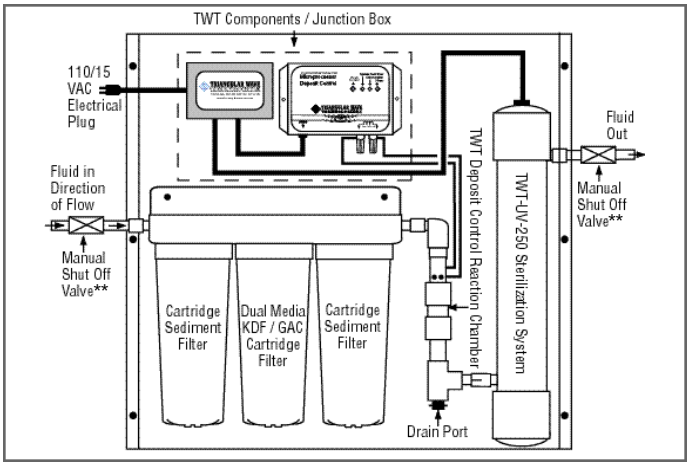
Triangular Wave Technologies, Inc. is dedicated to complete fluid management solutions, utilizing state-of-the-art technology and products. All components of our systems are selected and assembled to conform with universally recognized design standards for electrical, plumbing and environmental needs. Long term performance is ensured by our strict Quality Control methods.

Note:
Systems above are fully integrated and factory assembled and mounted, offering end to end fluid management and treatment solutions. Systems are designed for installation on pipe diameters of 1-inch or less.

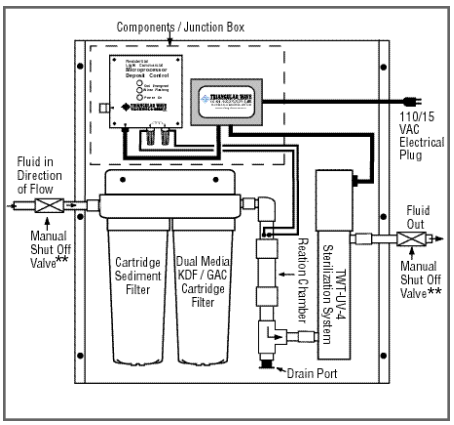
Product assembly may vary based on application & engineering review



TWT-MD-1003 - Large Home and Offices
Rendering of Triangular Wave Technologies Fluid Management System. System consists of a Deposit Controller TWT-5C8-401 • TWT Reaction Chamber • UV-700 Disinfection System • TWT-MUC Filtration System
Specifications: Factory assembled and mounted 40" H x 26.5" W x 8" D • Weight approx. 40 lbs.



TWT-MD-1002 - Standard Home and Offices
Triangular Wave TechnologiesFluid Management System. System consists of a Deposit Controller TWT-5C8-472 • TWT Reaction Chamber • UV-250 Disinfection System and TWT-MUC Filtration System
Specifications: Factory assembled and mounted 24" H x 26.5" W x 8" D • Weight approx. 30 lbs.



TWT-MD-1001 - Point of use Triangular Wave Technologies Water Fluid Management System. System consists of a...

- Deposit Controller TWT-5C8-471
- TWT Reaction Chamber
- UV-4 Disinfection System
- TWT-MUC Filtration System

Specifications: Factory assembled and mounted 24" H x 22" W x 8" D
- Weight approx. 25 lbs.

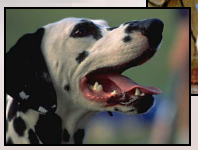
*****Shut off valves owner/plumber installation***

System engineering design, weight and system component assembly may vary based on application and industry specific needs

Triangular Wave Technologies, Inc. (TWT®)

Technologically advanced methods for water/fluid management

Bacteria & Biofilm Control for Medical, Dental and Laboratory Environments



Eliminate the biofilm that serves as a breeding ground for disease causing bacteria, collecting in your water-lines, tubing and equipment.

TWT® All-In-One Disinfection & Purification Systems.

TWT® The Ultimate in Water Treatment & Conditioning

The green way

TWT TRIANGULAR WAVE TECHNOLOGIES, INC.
FLUID MANAGEMENT SOLUTIONS
www.Triangularwave.Com

ATS3

Triangularwave Technologies All-In-One Disinfection & Purification Systems.

- ***Wall mounted water treatment system***
- ***Stainless Steel wall mount frame***
- ***2 & 3-Stage Filtration***
- ***TWT® Deposit Control Technology***
- ***Ultraviolet Disinfection & Purification***

Factory Assembled & Mounted Fluid Management Systems Applies all the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution.

State-of-the-art TWT Filtration, Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection units are combined to provide a start-to-finish answer to simplified prevention, treatment and management of water line contamination dangers.TWT solutions are scalable to fit the volume you need- ask your distributor to specify the system that works best for you!

These fluid management systems are compact, self-contained, wall/skid mounted units for the treatment of water in the Medical, Dental and Laboratory environments.

Triangular Wave Technologies, Inc. is dedicated to complete fluid management solutions, utilizing state-of-the-art technology and products. All components of our systems are selected and assembled to conform with universally recognized design standards for electrical, plumbing and environmental needs. Long term performance is ensured by our strict Quality Control methods.

TWT-POEPOUV-600
1-2 GPM

Specifications:

Approx Size:
26" W X 24" H X 10"D
Approx Weight:50 lbs.
(will vary based on filters used)
1/2" in/out

110/20 VAC other current source available upon request

Filters used in system(s) Filters are interchangeable allowing you to meet your specific water treatment needs at all times.

• Sediment 5-10 Micron: Pleated Washable and reusable for sediment reduction/removal

• GAC:Granulated activated carbon for taste, odor, organic chemicals and chlorine reduction/removal.

• GAC/KDF-55: Granulated activated carbon with KDF-55, specially formulated copper/zinc alloy media designed to remove chlorine, lead, volatile organic chemicals,hydrogen sulfide, sulfur, herbicides, pesticides, chemical fertilizer residues and trihalomethanes

• Resin Filter: Water softening resin filter

TWT-MD-1002–4 GPM

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size:Approx 25"W X 24"H X 8"D, Weight: Approx 49 lbs.(may vary according to custom design requirements). *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated. Other filter mediums and**micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Stainless steel piping in and out of system available upon request

TWT-MD-1003–8 GPM

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx: 37" W X 45"H X 8"D,Weight:Approx 67 lbs. (may vary according to custom design) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated.Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT).All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Stainless steel union and piping, in and out of system available upon request

TWT-MD-1004–12 GPM

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx. 40"W X 43"H X 8"D, Weight Approx 83 lbs.(may vary according to custom design) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated above.Other filter mediums and**micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified

Email:info@triangularwave.com • triwaveinc@aol.com website:www.Triangularwave.com

TWT-MD-1005–15 GPM

Specifications:

Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx: 58"W X 49"H X 8"D,Weight Approx:122 lbs. (may vary according to custom design requirements) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

TWT-MD-1006–30 GPM

Specifications:

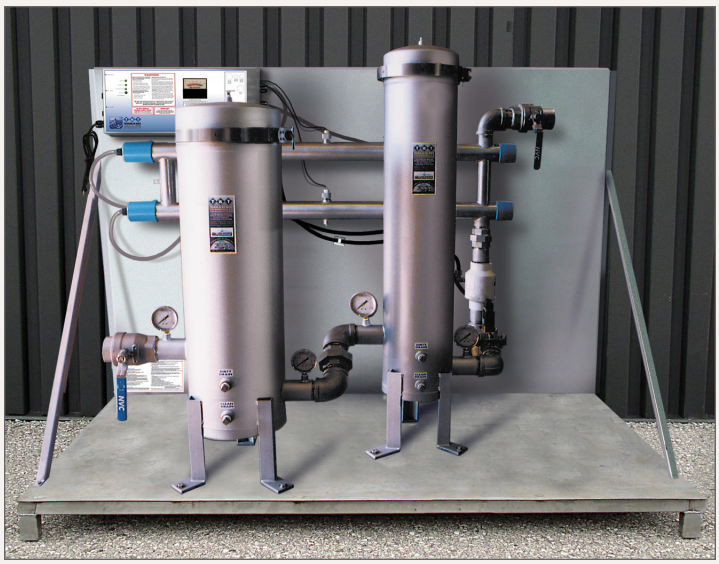
Factory assembled and mounted on stainless steel frame with mounting brackets and/or holes provided, Size Approx.58"W X 49"H X 8"D,Weight Approx:141 lbs. (may vary according to custom design requirements) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT). All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Optional: Remote sensor available upon request

Upgrade: Customized skid-mounted systems 100 / 200 / 400 & higher GPM's to meet your treatment requirements available upon request

Please Note:
System engineering design, weight, size and system component assembly can vary based on TWT engineering review, water conditions, application, industry and/or customer specific needs

Pumps, piping, fittings, valves,and other material needed to and from system owners responsibility



TWT-MD-1007–50 GPM

Specifications:

Factory assembled and skid mounted on stainless steel frame, Size approx. 68"W X 52"H X 30"D, weight TBD (may vary according to custom design) *Filter mediums and micronic sizes used in 2-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT).All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

TWT-MD-1007–50 GPM

Specifications:

Factory assembled and skid mounted on stainless steel frame, Size approx. 68"W X 52"H X 30"D, weight TBD (may vary according to custom design) *Filter mediums and micronic sizes used in 3-stage filter housings is configured as illustrated above. Other filter mediums and **micronic sizes are available and are based upon input water quality and customer and/or industry specific treatment requirements (medium TBT).All electrical, piping, fittings, pumps, and materials (equipment) used in the system can be engineered and system integrated to conform to requirement of the submitted RFQ.

Note: ***Above systems are fully integrated and factory assembled and mounted, offering end to end fluid management and treatment solutions, systems are designed for installation on pipes 1-inch or less. System engineering design, weight and system component assembly may vary based on application and industry specific needs***

Installation: ***Licensed plumber and/or contractor are recommended***

Must have enough room on all sides for filter and UV replacement & maintenance

*Upon request if needed other filter mediums of filters used in system can be determined by a water quality analysis (purchaser responsibility)

**Micronic sizes of filters are generally 10, 20 microns, unless otherwise specified

Email:info@triangularwave.com • triwaveinc@aol.com website:www.Triangularwave.com

Biofilm & Bacteria Control for Medical, Dental, Laboratory & Veterinary Environments

TWT® technologically advanced method for water management. Triangular Wave Technologies, Inc. All-In-One fluid management systems, the ultimate in water treatment & conditioning

TWT® systems are factory engineered and assembled, applying all of the needed elements for maximum fluid protection, management, and peace of mind in one simple packaged solution. TWT® Filtration, Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection units are combined to provide a start-to-finish answer to simplified prevention, treatment and management of water line contamination dangers.

The TWT All-In-One Fluid management water disinfection / purification systems are unique, compact, self-contained units for the treatment of water.

A common problem in medical, dental, lab, veterinary & pharmaceutical environments is the formation of biofilm and bacteria in waterlines and tubing serving equipment and instruments. Waterlines provide an environment conducive to the growth of bacteria, protozoa and fungi that initially arrive in small numbers through the plumbing system.

Over time, these microorganisms bond to the sides of water pipes and tubing forming biofilm. As water flows through the pipes and tubes, the biofilm sheds microorganisms and bacterial endotoxins into the water. To combat this, TWT introduces a system that marries the filtration process with the power of patented triangular wave deposit control and the disinfection power of ultraviolet light.

First: Filtration

Water is filtered to remove lingering sediments, chlorine, heavy metals and organic carbon compounds. The filtering process features a sediment filter, the dual filter media of patented KDF 55 and Granular Activated Carbon, and a final Carbon Block Filter. Upon request if needed other filter mediums and filters used in system can be determined by a water quality analysis. If fluid conditions require additional micronic particle trapping for enhanced results, filters are available in various micronic sizes providing flexibility & adaptability to meet the needs of all fluid conditions & application.

The progressive cartridge filtration system: The incoming water flow through each of these filters in sequence:

- The sediment filter removes any particulate matter.
- The dual media KDF/GAC provides state-of-the-art filtration.The KDF filter (a copper/zinc media) removes lead mercury, iron and other heavy metals, plus chlorine, hydrogen sulfide, sulfur taste and odor and provides a bacteriostatic environment. The GAC filter (granular activated carbon) removes volatile organic chemicals, pesticides and herbicides, trihalomethane compounds, radon, solvents and hundreds of other man-made chemicals found in tap water.
- Optional post sediment filtration provides complete end-to-end protection. A final assurance that any remaining pollutants are removed (such as cysts, remaining volatiles, chemicals and organic additives).

Filters used in staged filter housings are configured as illustrated on system trade ads. Upon request if needed other filter mediums and filters used in system can be determined by a water quality analysis. If fluid conditions require additional micronic particle trapping for enhanced results, filters are available in various micronic sizes providing flexibility & adaptability to meet the needs of all fluid conditions & applications.

Second: Deposit Control Technology

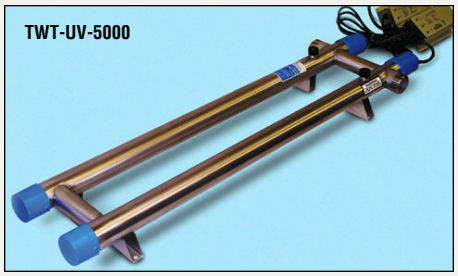
The patented Triangular Wave Deposit Control System conditions the water before it enters the waterlines feeding equipment and instruments. The colloids in the water are conditioned so that they remain suspended and unable to attach to waterline walls or equipment and instruments. In addition, the conditioned water will attack existing biofilm on the walls of the water-lines and cause it to detach from the walls and remain suspended in the water. By eliminating the habitat provided by the biofilm, the bacteria will ultimately die off. The result is clean water-lines and tubing with no biofilm and reduced bacterial contamination.

The All-In-One Disinfection & Purification Systems provide the following benefits:

1. Removes and prevents scale build up and mineral deposits (descales the entire system over time)
2. Improves efficiency of all water-fed equipment and extends the useful life of this equipment.
3. Provides the effects of softened water without sodium or chemical use.
4. Is totally safe and maintenance-free.
5. Controls algae and bacteria (they are dispersed in the water and prevented from attaching to surfaces where they can feed and reproduce, thus they die).
6. Biofilm is removed and prevented from re-forming, thus damage to vessel surfaces from bio-growth is eliminated.

Third: Ultra Violet Disinfection

The Triangular Wave Ultraviolet Disinfection subsystem will then kill 99.9% or greater any remaining bacteria and viruses by disrupting the microbes' DNA with ultraviolet light rays. Ultraviolet disinfection has been proven to be a highly 0effective non-chemical disinfection & purification system.



DON'T WAIT...Contact us today for a free consultation!

And for information on what TWT system will meet your specific application needs cost effectively!

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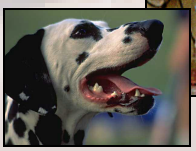
TRIANGULAR WAVE TECHNOLOGIES, INC.
FLUID MANAGEMENT SOLUTIONS
www.Triangularwave.Com

Triangular Wave Technologies, Inc. (TWT®)

Technologically advanced methods for water/ fluid management

Bacteria & Biofilm Control for Medical, Dental and Laboratory Environments



CHEMICAL FREE

Eliminate the biofilm that serves as a breeding ground for disease causing bacteria, collecting in your water-lines, tubing and equipment.

Versatile, efficient & cost-effective products to solve fluid management problems end-to-end.

Filtration • Deposit Control Technology • Ultra Violet Disinfection & Purification

TWT® The Ultimate in Water Treatment & Conditioning

The green way

TWT TRIANGULAR WAVE TECHNOLOGIES, INC. FLUID MANAGEMENT SOLUTIONS www.Triangularwave.Com

ATS102

Biofilm & Bacteria Control for Medical, Dental, Laboratory & Veterinary Environments

TWT® technologically advanced method for water management. Triangular Wave Technologies, Inc. integrated treatment systems.

TWT® systems are factory engineered, applying all of the needed elements for maximum fluid protection, management, and peace of mind Filtration, Microprocessor Deposit Controller, Reaction Chamber, and UV Disinfection units can be integrated to provide a start-to-finish answer to simplified prevention, treatment and management of water line contamination dangers.

A common problem in medical, dental, lab, veterinary & pharmaceutical environments is the formation of biofilm and bacteria in waterlines and tubing serving equipment and instruments. Waterlines provide an environment conducive to the growth of bacteria, protozoa and fungi that initially arrive in small numbers through the plumbing system.

Over time, these microorganisms bond to the sides of water pipes and tubing forming biofilm. As water flows through the pipes and tubes, the biofilm sheds microorganisms and bacterial endotoxins into the water. To combat this, TWT introduces a system that marries the filtration process with the power of patented triangular wave deposit control and the disinfection power of ultraviolet light.

Filtration:

Water is filtered to remove lingering sediments, chlorine, heavy metals and organic carbon compounds. The filtering process features a sediment filter, the dual filter media of patented KDF 55 and Granular Activated Carbon, and a final Carbon Block Filter. Upon request if needed other filter mediums and filters used in system can be determined by a water quality analysis. If fluid conditions require additional micronic particle trapping for enhanced results, filters are available in various micronic sizes providing flexibility & adaptability to meet the needs of all fluid conditions & applications.

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Deposit Control Technology:

The patented Triangular Wave Deposit Control System conditions the water before it enters the waterlines feeding equipment and instruments. The colloids in the water are conditioned so that they remain suspended and unable to attach to waterline walls or equipment and instruments. In addition, the conditioned water will attack the existing biofilm on the walls of the waterlines and cause it to detach from the walls and remain suspended in the water. By eliminating the habitat provided by the biofilm, the bacteria will ultimately die off. The result is clean water-lines and tubing with no biofilm and reduced bacterial contamination.

The deposit control subsystem (microprocessor and reaction chamber) provides the following benefits:

1. Removes and prevents scale build up and mineral deposits (descales the entire system over time)
2. Improves efficiency of all water-fed equipment and extends the useful life of this equipment.
3. Provides the effects of softened water without sodium or chemical use.
4. Is totally safe and maintenance-free.
5. Controls algae and bacteria (they are dispersed in the water and prevented from attaching to surfaces where they can feed and reproduce, thus they die).
6. Biofilm is removed and prevented from re-forming, thus damage to vessel surfaces from bio-growth is eliminated.

Ultra Violet Disinfection:

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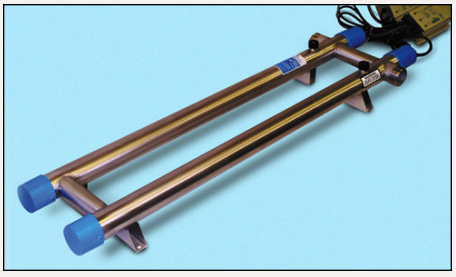

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TWT, Inc. offers a full range of products & systems design0ed to address fluid problems wherever fluid flows. From patented deposit control technology to pre and post filtration needs, ionization, disinfection, and ultra violet purification treatment and conditioning. Components and subsystems chosen from across the range of treatment methods can be combined in different configurations to provide custom solutions specific to any industry, site or application. TWT has the versatile, efficient, cost-effective methods to solve your fluid management problems end to end.

Filtration

TWT-SYS700-FS
3/4" pipe size

Slim Line Filter Housing

Filter Set Systems Specs: Filter Housings 20" sediment filter 20" carbon filter, Mounting Bracket Filter Wrench Pressure Tested

TWT-SYS1200-FS
1" pipe size

Big Blue Filter Housing

Filter Set Systems Specs: Filter Housings 20" sediment filter 20" carbon filter Mounting Bracket Filter Wrench Pressure Tested

Custom Filtration Systems

Commercial / Industrial Stainless Steel Filter Housings

High volume application

Available in various sizes to meet almost any application requirements

Patented Deposit Control Technology

TWT-5C8-472
Residential / Commercial Deposit Control System For Pipes 1 inch or less in diameter 9 vdc transformer

TWT-5C8-473
Residential / Commercial Deposit Control System For Pipes 1 inch or less in diameter

TWT-RC **TWT-SRC**

TWT-RC-1–PVC Reaction Chamber for pipes 1" or less in diameter

TWT-SRC-1–Stainless Steel Reaction Chamber for pipes 1" or less in diameter

TWT-5C8-401
Commercial / Industrial Deposit Control System For Pipes 1 1/2" inch or less in diameter

TWT-IRC-01.5 **TWT-ISRC-01.5**

TWT-IRC-01.5–Industrial PVC Reaction Chamber for pipes 1 1/2" or less in diameter

TWT-ISRC-01.5–Industrial Stainless Steel Reaction Chamber for pipes 1 1/2" or less in diameter

TWT-5C8-402
Commercial / Industrial Deposit Control System For Pipes 2" inch or less in diameter

TWT-IRC-02 **TWT-ISRC-02**

TWT-IRC-01.5–Industrial PVC Reaction Chamber for pipes 2" or less in diameter

TWT-ISRC-01.5–Industrial Stainless Steel Reaction Chamber for pipes 2" or less in diameter

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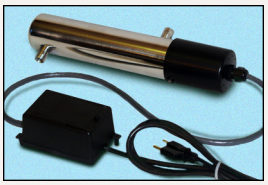
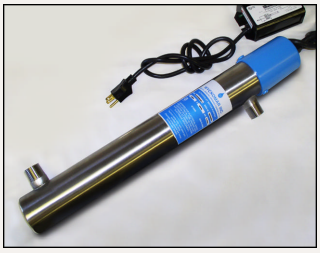
Ultra Violet Disinfection & Purification

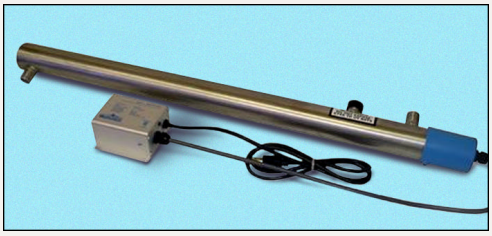
Ultra violet disinfection & purification technology, provides safe water, free of disease-causing pathogens. As water passes through the UV chamber, UV light will attack and render harmless any bacterial, viral or spore contamination present in the treated water. "High intensity UV light destroys these contaminats with a 99.9% or greater kill rate" The output water is thus disinfected and offers exceptionally high quality for human consumption and use.



TWT-UV-1 (1-2 GPM)
This point of use sterilizer is designed for many different applications. It can be combined with filtration systems or a reverse osmosis system. A popular application for the UV-4 is as part of a water cooler at point-of-use. The UV-4 is ideally designed for use in cottages, on board ships or in RV's. In areas where standard electricity is not available, the UV-4 can be ordered as a 12V DC unit. The ultra-violet sterilizer destroys bacteria and viruses to a 99.9% kill rate.



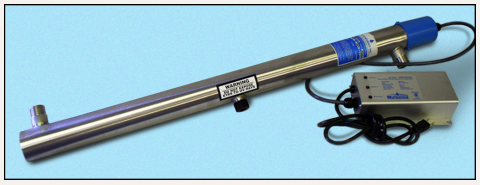
TWT-UV-250 (4 GPM)
The TWT-UV-250 sterilizer is ideally sized to provide safe disease and pathogen-free water at point-of-entry to any average size household. The effective kill rate of microorganisms, including bacteria and viruses is 99.9% or greater. No chemicals are added and the pH balance of the water is unchanged. TWT sterilizers operate continuously, automatically and are inexpensive to run. Source water does not require heating or cooling prior to sterilization. TWT sterilizers are easy to install and only require lamp replacement every 10 to 12 months. This is a simple ten minute procedure.



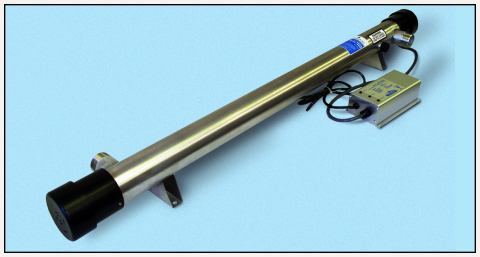
TWT-UV-700 (8 GPM)
The TWT-UV-700 sterilizer is best suited for large households. Both the UV-700 and UV-1200 are efficient for small commercial and restaurant applications too. As water passes through the ultra-violet chamber, the powerful UV rays kill disease causing microorganisms, including bacteria and viruses with a 99.9% or greater kill rate. No chemicals are added and the PH of the water remains unchanged. TWT sterilizers operate continuously and automatically with no need to heat or cool the source water. They are inexpensive to operate, simple to install and practically maintenance free. Lamp replacement is necessary every 10 to 12 months and is a simple ten minute procedure.

Products and systems for larger volume / GPM applications to meet your treatment requirements available upon request

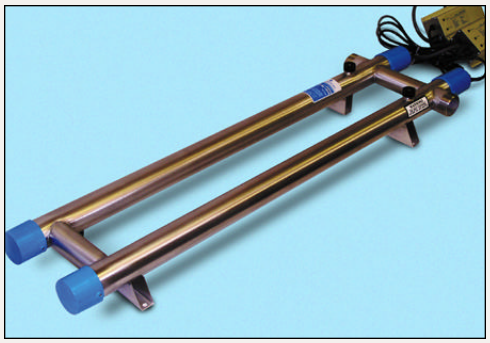
These three units are all similar in appearance, but have different capacities. The need for different flow rates will depend on the application and the nature of the installation. These TWT sterilizers provide clean, safe water to large operations for manufacturing processes or human consumption. All of our units are expertly constructed of # 316 stainless steel to high quality control standards. The units operate continuously, automatically and inexpensively. Installation is easy and there is no need to heat or cool the water prior to sterilization. The germicidal lamp is effective for approximately 8,000 hours which means extremely cost effective water sterilization over the long term.



TWT-UV-1200 (12 GPM)

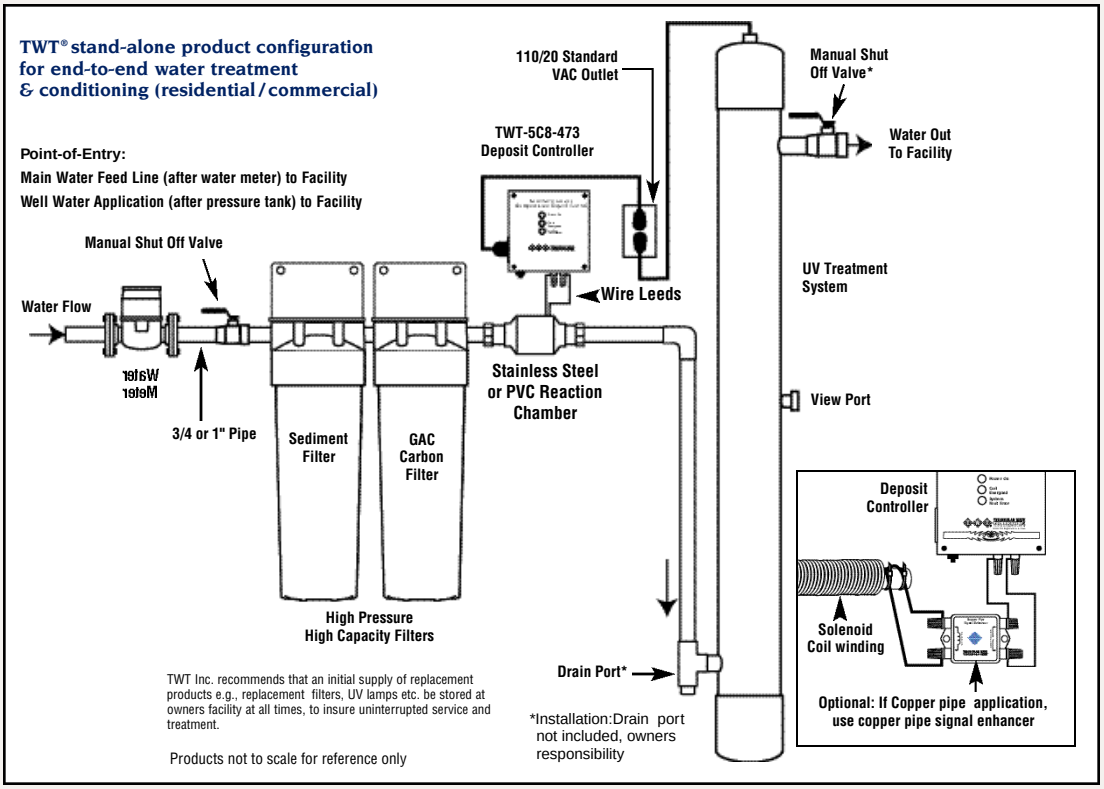


TWT-UV-1500 (15 GPM)
TWT-UV-3000 (30 GPM)



TWT-UV-5000 (50 GPM)
The TWT-UV-5000 sterilizer is a very cost effective unit that is suited to the larger industrial application requiring 50 gallons per minute of clean, sterilized water. The unique design of the two parallel germicidal lamps in a highly efficient low maintenance configuration provides clean water, free of disease-causing pathogens. All sterilizers are manufactured to strict tolerances of 316 stainless steel. Our germicidal lamps are effective for 8,000 hours and are replaced in a simple ten minute procedure.

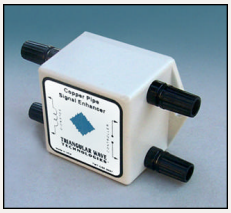
TWT® stand-alone product configuration for end-to-end water treatment & conditioning (residential / commercial)



TWT Inc. recommends that an initial supply of replacement products e.g., replacement filters, UV lamps etc. be stored at owners facility at all times, to insure uninterrupted service and treatment.

Products not to scale for reference only

*Installation:Drain port not included, owners responsibility



TWT-CSE-0227
for copper pipes only 2" or less in diameter

The copper signal enhancer is a passive signal / impedance matching circuit.This device provides a power boost to the conditioning signal in copper pipes.

DON'T WAIT...Contact us today for a free consultation!

And for information on what TWT products will meet your specific application needs cost effectively!

TRIANGULAR WAVE TECHNOLOGIES, INC
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